

Background Layer Stacking Reference

How multiple background layers compose

Layer order

First CSS value = topmost layer (front). Last value = bottom layer (back). background-color is always behind all.

Pattern + gradient overlay

```
background-image: linear-gradient(rgba(0,0,0,0),rgba(0,0,0,.6)), url(data:image/svg+xml;
base64,...);
```

Separate size per layer

background-size: cover, 40px 40px; -- first for gradient, second for pattern. Comma-separated matching layers.

Separate repeat per layer

background-repeat: no-repeat, repeat; -- gradient no-repeat, pattern repeats. Each layer fully configurable.

Hero section recipe

Layer 1 (top): radial-gradient for vignette. Layer 2: SVG pattern. Base: background-color fallback.

Debugging layers

Use DevTools Layers panel. Temporarily set background-image to a single layer to isolate issues.

Performance note

Each additional background layer adds paint cost. Limit to 2-3 layers on mobile-heavy pages.